IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Schneider et al.

Application No. 10/070,053

Filed: June 10, 2002 Confirmation No. 9108

For: HIGH SPEED PARALLEL MOLECULAR

NUCLEIC ACID SEQUENCING

Examiner: Teresa E. Strzelecka

Art Unit: 1637

Attorney Reference No. 4239-62263-01

MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450 **CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney

for Applicant(

Date Mailed

July 27, 2004

AUG 04 2004

TECH CENTER 1600/2900

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

This responds to the Restriction Requirement dated June 29, 2004. A one-month period for response was set, making a reply due by July 29, 2004. Please amend the referenced application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2.

Remarks begin on page 7.

Applicants elect Group I (claims 1-29, 35-36 and 46-47) and species A (claims 11 and 12).